



IFW

03500.017651.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
TETSUYA YANO, ET AL.) Examiner: Samuel A. Acquah
Application No.: 10/532,136) Art Unit: 1711
Filed: April 20, 2005)
For: NEW POLYHYDROXY-)
ALKANOATE COPOLYMER,)
RESIN COMPOSITION,)
MOLDED PRODUCT, TONER,)
IMAGE FORMING METHOD)
AND IMAGE FORMING)
APPARATUS) May 25, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents and articles are also enclosed.

The concise explanation of relevance for the non-English documents is found in the specification where cited, in an attached abstract and/or in a corresponding U.S. patent document.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Peter Saxon
Attorney for Applicants
Registration No.: 24,947

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New York, New York 10112-3800
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

MAY 26 2006

PTO-1449
PATENT & TRADEMARK OFFICE

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GROUP

1711

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS	FILING DATE IF APPROPRIATE
		4393167	07/1983	Holmes, et al.	525	64	
		4876331	10/1989	Y. Doi	528	361	
		5004664	04/1991	Fuller, et al.	430	106.6	
		5135859	08/1992	Witholt, et al.	435	135	
		5200332	04/1993	Yamane, et al.	435	135	
		5292860	03/1994	Shiotani, et al.	528	361	
		5334698	08/1994	Witholt, et al.	528	354	
		5667927	09/1997	Kubota, et al.	430	109	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CORRESP. TO	SUBCLAS	TRANSLATION YES/NO OR ABSTRACT
	JP	59-190945	10/1984	Japan			Abstract
	JP	05-7492	01/1993	Japan	USP 5200332		Abstract
	JP	05-93049	04/1993	Japan	USP 5292860		Abstract
	JP	06-15604	03/1994	Japan	USP 4393167		Abstract
	JP	06-289644	10/1994	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Vogel, et al.; "Acetylornithinase of Escherichia Coli:... properties"; J. Biol. Chem., Vol. 218, pp 97-106 (1956).
	Stille, et al.; "Tetracyclic Dienes. I. The Diels-Alder... Cyclopentadiene"; J. Am. Chem. Soc., Vol. 81, pp 4273-4275 (1959).
	Briggs, et al.; "Degredation of the Lanosterol Side-chain"; J. Chem. Soc., Perkin Trans. I; pp 806-809 (1973)
	Fritzsche, et al.; "An unusual bacterial polyester... group"; Makromol. Chem., Vol. 191, pp 1957-1965 (1990).

EXAMINER

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		2003/0013841	01/2003	Imamura, et al.	528	271	02/2002
		2005/0250191	11/2005	Imamura, et al.	435	135	02/2002

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		DOCUMENT NUMBER	DATE	COUNTRY	CORRESP. TO	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	07-120975	05/1995	Japan	USP 5667927		Abstract
	JP	07-265065	10/1995	Japan			Abstract
	JP	07-14352	02/1995	Japan			Abstract
	JP	08-262796	10/1996	Japan			Abstract
	JP	08-19227	02/1996	Japan	USP 4876331		Abstract
	JP	09-191893	07/1997	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Kim, et al.; "Preparation and Characterization of Poly(β -hydroxyalkanoates)... n-Alkanoic Acids"; Macromolecules, Vol. 24, pp 5256-5260 (1991).
	Antoun, et al., "Production of a Chiral Polyester... Pentadienoic Acid"; Chirality, Vol. 3, No. 6, pp. 492-494 (1991).
	Kim, et al.; "Poly(β -hydroxyalkanoate) Copolymers...oleovorans"; Macromolecules, Vol. 25, pp 1852-1857 (1992).
	Ramsay, et al.; "Effect on Nitrogen Limitation...resinovorans"; Appl. & Environ. Microbiol., Vol. 58, No. 2, pp 744-746 (1992).

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	JP	09-274335	10/1997	Japan			Abstract
	JP	09-281746	10/1997	Japan			Abstract
	JP	2002-080751	03/2002	Japan			Abstract
	JP	2642937	05/1997	Japan	USP 5135859 USP 5334698		Abstract
	JP	2002-080751	03/2002	Japan			Abstract
	JP	2989175	10/1999	Japan			Abstract

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	G. J. M. de Koning, et al.; "A biodegradable rubber...oleovorans"; Polymer, Vol. 35, No. 10, pp 2090-2097 (1994).
	Ritter, et al.; "Bacterial production of polyesters... in the side chains, 1"; Macromol. Chem. Phys., Vol. 195, pp. 1665-1672 (1994).
	Kim, et al.; "Bioengineering of polyβ-hydroxyalkanoates)... substituents", Can. J. Microbiol., Vol. 41, Suppl. 1, pp. 32-43 (1995).
	Kim, et al.; "Poly-3-hydroxyalkanoates Produced...ω-Phenoxyalkanoates"; Macromolecules, Vol. 29, pp. 3432-3435 (1996).
	Curley, et al.; "Production of Poly(3-hydroxyalkanoates)...oleovorans"; Macromolecules, Vol. 29, pp 1762-1766 (1996).
	Gross, et al.; "Cyanophenoxy-containing microbial... Biodegradability"; Polymer Intern., Vol. 39, pp 205-213 (1996).
	Andujar, et al.; "Polyesters Produced by Pseudomonas... Groups"; Macromolecules, Vol. 30, pp. 1611-1615 (1997).

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		Park, et al.; "Epoxidation of Bacterial Polyesters... 10-Undecenoic Acid"; Macromolecules, Vol. 31, pp 1480-1486 (1998).
		Constantin, et al.; "Chemical modification of... sugars"; Macromol. Rapid Commun., Vol. 20, pp 91-94 (1999).
		Arostegui, et al.; "Bacterial Polyesters... groups"; Macromolecules, Vol. 32, pp 2889-2895 (1999).
		Takagi, et al., "Biosynthesis of Polyhydroxyalkanoate.. <i>putida</i> "; Macromolecules, Vol. 32, pp 8315-8318 (1999).
		Lee, et al.; "Hydrophilic bacterial polyesters... groups"; Polymer, Vol. 41, pp 1703-1709 (2000).

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